

REMARKS

Claims 1-29 are pending. Claims 1, 8, 9, 17, and 25 are amended. No new matter has been introduced. Reexamination and reconsideration of the present application are respectfully requested.

In the Office Action dated October 28, 2005, the Examiner rejected claims 1-29 under 35 U.S.C. § 103(a) as being unpatentable over Mayne et al., U.S. Patent Application Publication No. 2004/0025047 (hereinafter Mayne) in view of Olin et al., U.S. Patent Application Publication No. 2004/005878 (hereinafter Olin). Applicants respectfully traverse the rejections in view of the claims as amended.

Independent claim 1, as amended now recites:

A wireless local area network system, comprising:
a network address translation (NAT) router coupled to a public network adapted to assign a private address to a mobile wireless device and to assign a global address for communications to the public network, the private address being independent of the public network; and
a plurality of access points in communication with the NAT router, each access point of the plurality of access points being adapted to provide wireless communications with the mobile wireless device,

wherein *a group of access points of the plurality of access points forms a multicast group which is dynamically updated to include access points available for interfacing with the mobile wireless device*, the mobile wireless device communicates with at least one access point of the plurality of access points at a time, *data for the mobile wireless device is broadcast to each access point of the multicast group*, and recently-received data is buffered in at least one access point of the plurality of access points adjacent to the at least one access point currently in communication with the mobile wireless device.

The Mayne reference does not disclose, teach, or suggest the system specified in independent claim 1, as amended. Unlike the system specified in claim 1, as amended, Mayne does not teach a system “wherein *a group of access points of the plurality of access points forms a multicast group which is dynamically updated to include access points available for*

interfacing with the mobile wireless device, the mobile wireless device communicates with at least one access point of the plurality of access points at a time, data for the mobile wireless device is broadcast to each access point of the multicast group, and recently-received data is buffered in at least one access point of the plurality of access points adjacent to the at least one access point currently in communication with the mobile wireless device.”

Instead, Mayne is directed to a method for providing a wireless network. Mayne discloses a wireless network which includes local area network access devices (LADs) 2 that are designed to communicate wirelessly with a number of wireless devices (3, 4, 5, 6, 7, and 8). (Mayne; paragraphs 0023-0024) The LADs 2 are coupled to a wireless Internet server WIS 1. The WIS 1 is coupled to the Internet and LAN 10 and thus allows the wireless devices (3, 4, 5, 6, 7, and 8) to communicate with LAN 10 and the Internet. (Mayne; paragraphs 0026-0028) However, Mayne fails to disclose, teach, or suggest a system “wherein ***a group of access points of the plurality of access points forms a multicast group which is dynamically updated to include access points available for interfacing with the mobile wireless device***, the mobile wireless device communicates with at least one access point of the plurality of access points at a time, ***data for the mobile wireless device is broadcast to each access point of the multicast group***, and recently-received data is buffered in at least one access point of the plurality of access points adjacent to the at least one access point currently in communication with the mobile wireless device.” Accordingly, Applicants respectfully submit that independent claim 1, as amended, distinguishes over the Mayne reference.

The Olin reference does not make up for the deficiencies of Mayne. The Olin reference is directed to an access point for mobile devices in a packet based network and a related billing system. (Olin; Abstract) The Olin reference discloses an access point which allows different

wireless communication service providers to use each other's infrastructure. (*Olin; Page 1, paragraphs 0008-0009*) An access point can connect to other access points to form a private network such that the access point acts as a router routing data packets from a mobile device or another access point directly or indirectly to a gateway through other access points of an access point network. (*Olin; page 1, paragraph 9*) Further, the routing paths between the access point and a gateway can be determined using predetermined criteria such as traffic cost, performance, capacity and the operator the user of the mobile device uses. This routing selection information may then be described in a label of the data packet. (*Olin; page 1, paragraph 9*) However, the combination of Olin and Mayne does not teach a system “wherein ***a group of access points of the plurality of access points forms a multicast group which is dynamically updated to include access points available for interfacing with the mobile wireless device***, the mobile wireless device communicates with at least one access point of the plurality of access points at a time, ***data for the mobile wireless device is broadcast to each access point of the multicast group***, and recently-received data is buffered in at least one access point of the plurality of access points adjacent to the at least one access point currently in communication with the mobile wireless device.” Accordingly, Applicants respectfully submit that independent claim 1, as amended, distinguishes over the Mayne reference in combination with Olin.

Claims 9, 17, and 25, all as amended, recite limitations similar to those in independent claim 1, as amended. Accordingly, Applicants respectfully submit that claims 9, 17, and 25 distinguish over the Mayne reference in combination with Olin for reasons similar to those set forth above with respect to independent claim 1.

Claims 2-8, 10-16, 18-24, and 26-29 depend from independent claims 1, 9, 17, and 25, respectively. Accordingly, Applicants respectfully submit that dependent claims 2-8, 10-16, 18-

24, and 26-29 all distinguish over the Mayne reference in combination with Olin for the same reasons set forth above with respect to independent claims 1, 9, 17, and 25, respectively.

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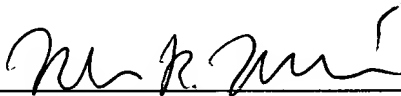
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Applicants believe that the claims are in condition for allowance. If for any reason the Examiner finds the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at the Los Angeles, California telephone number (213) 488-7100 to discuss the steps necessary for placing the application in condition for allowance should the Examiner believe that such a telephone conference call would advance prosecution of the application.

Respectfully submitted,
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